

FIG. 1
 Prior Art

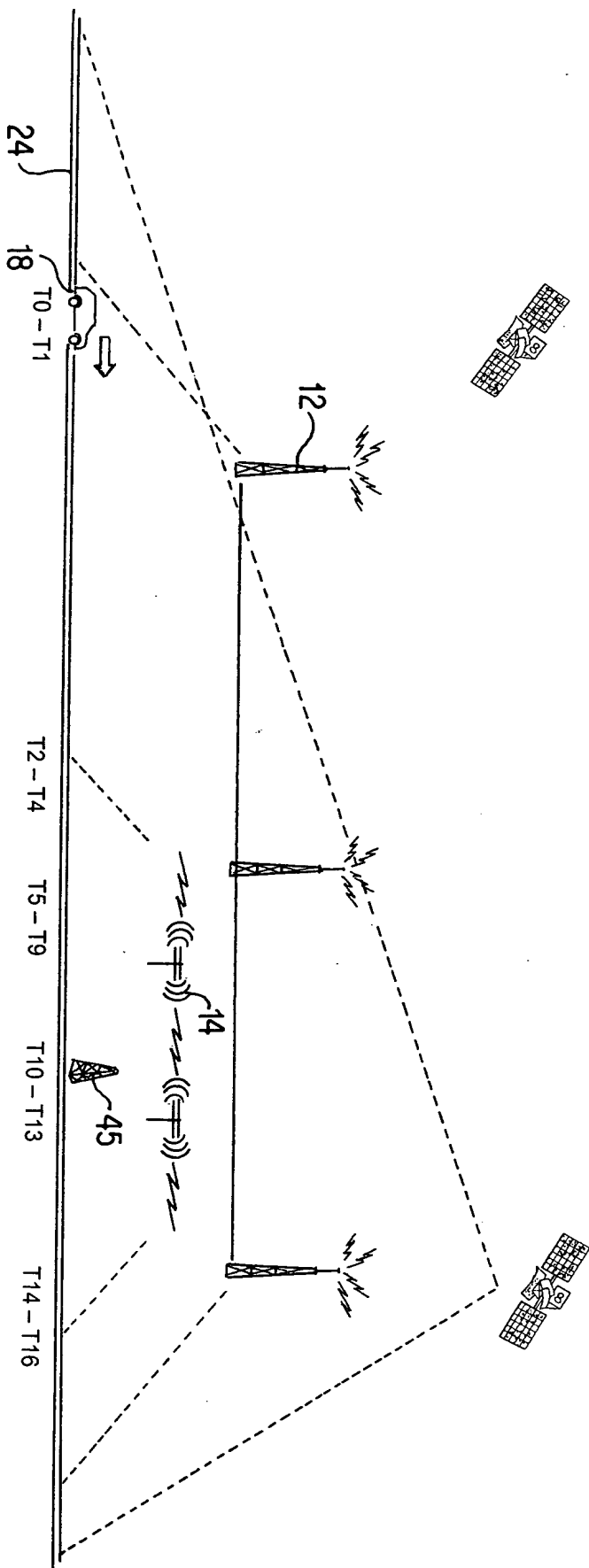


FIG. 2

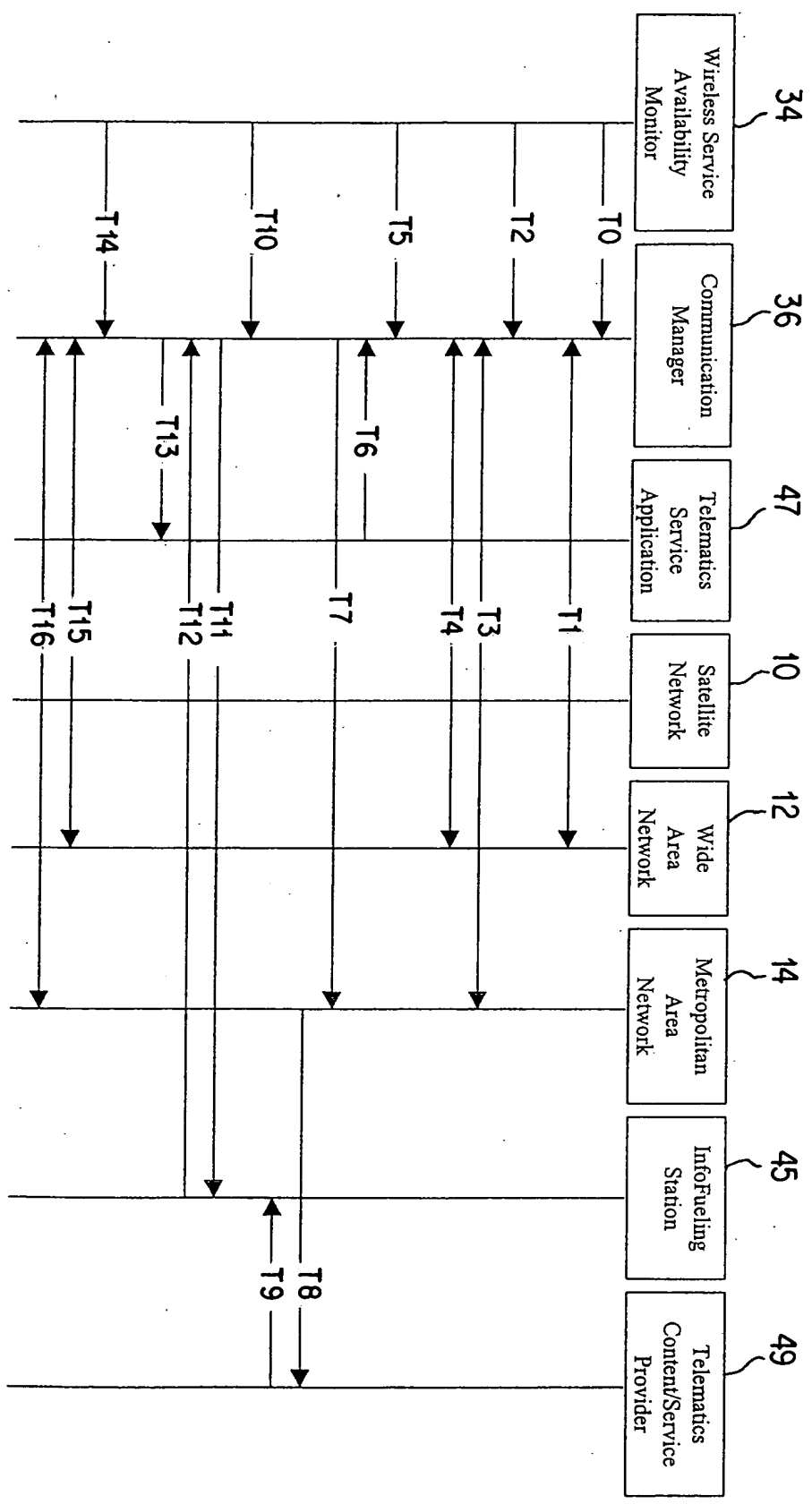


FIG. 3

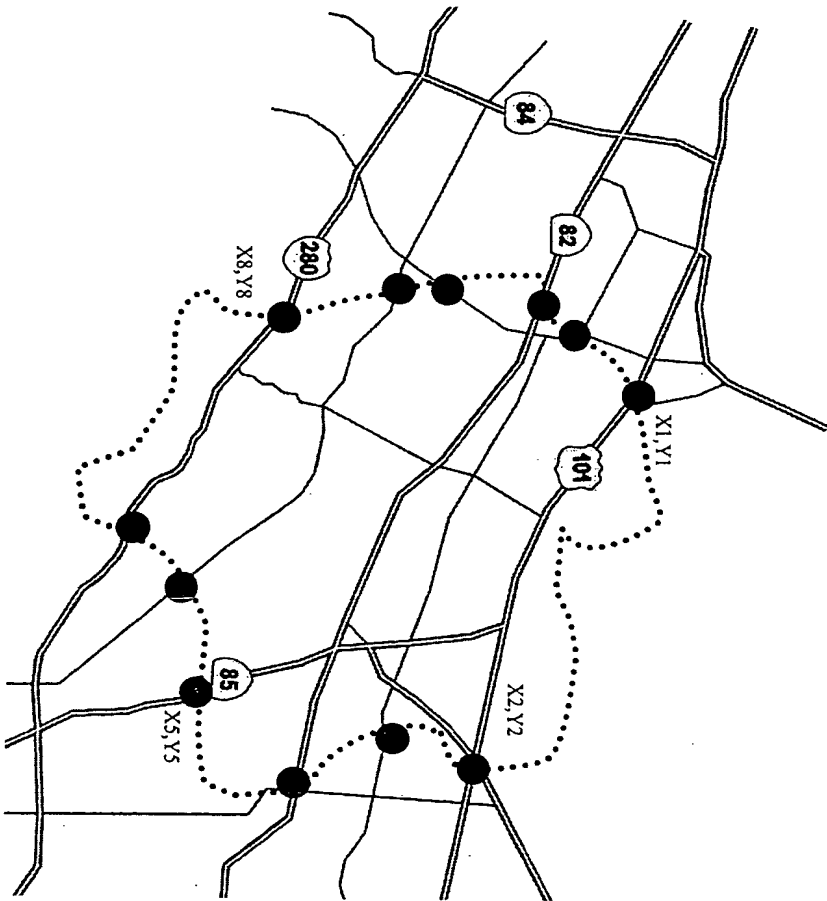


FIG. 4

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<HW101, (x1,y1), MAN boundary>
 <HW101, (x2,y2), MAN boundary>
 ...
 <HW85, (x5,y5), MAN boundary>
 ...
 <HW280, (x8,y8), MAN boundary>
 ...
 ...

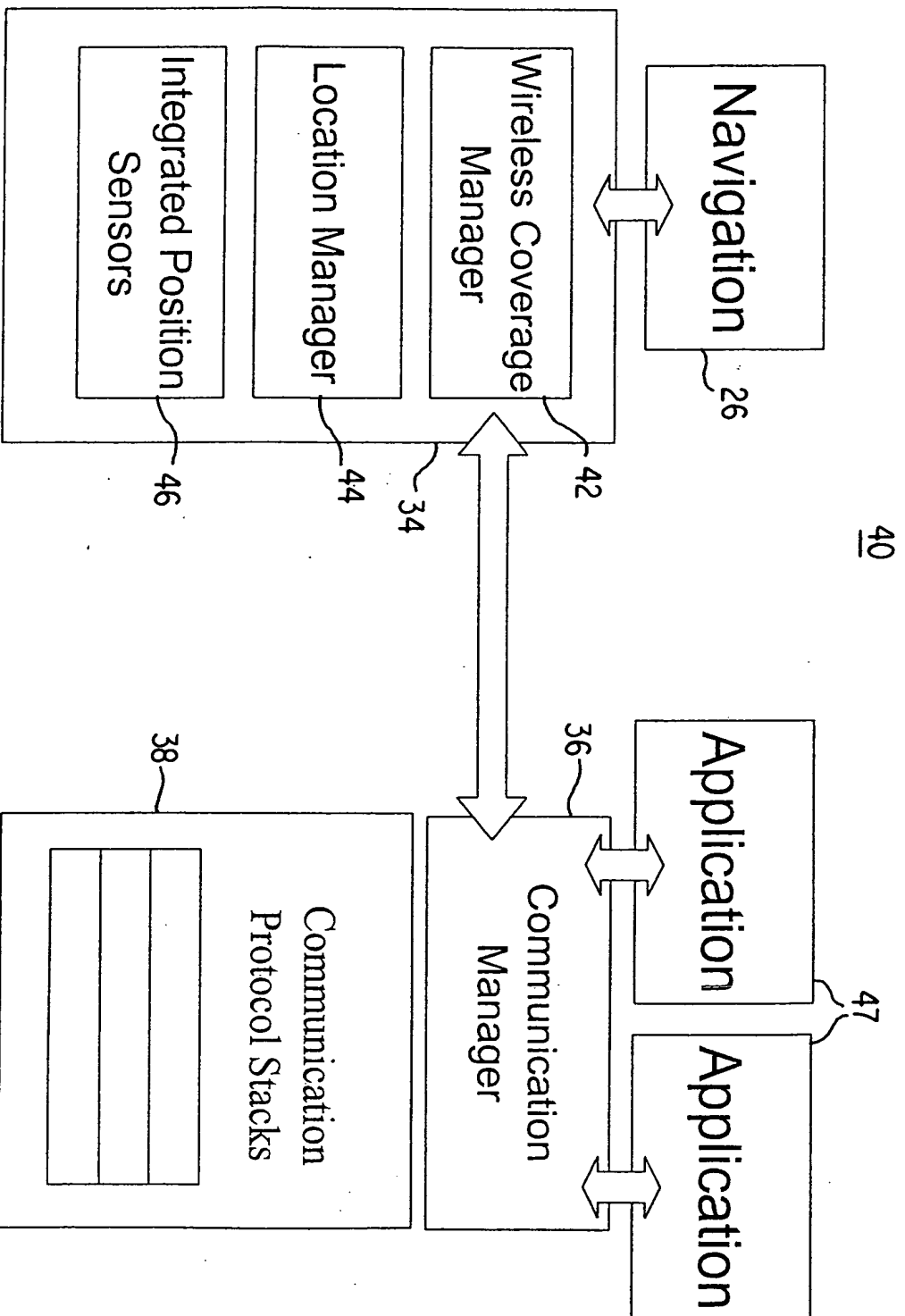


FIG. 5



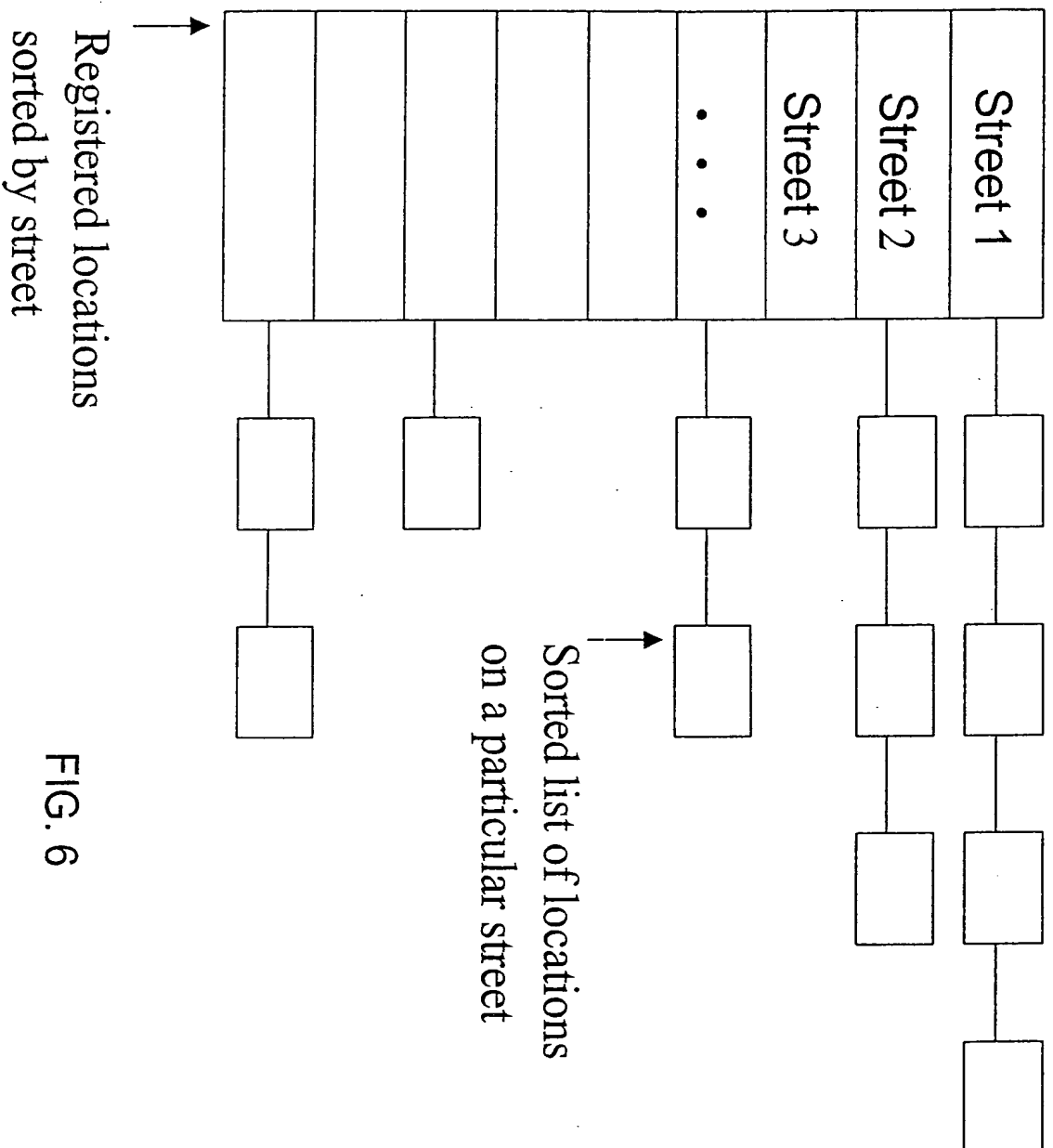


FIG. 6

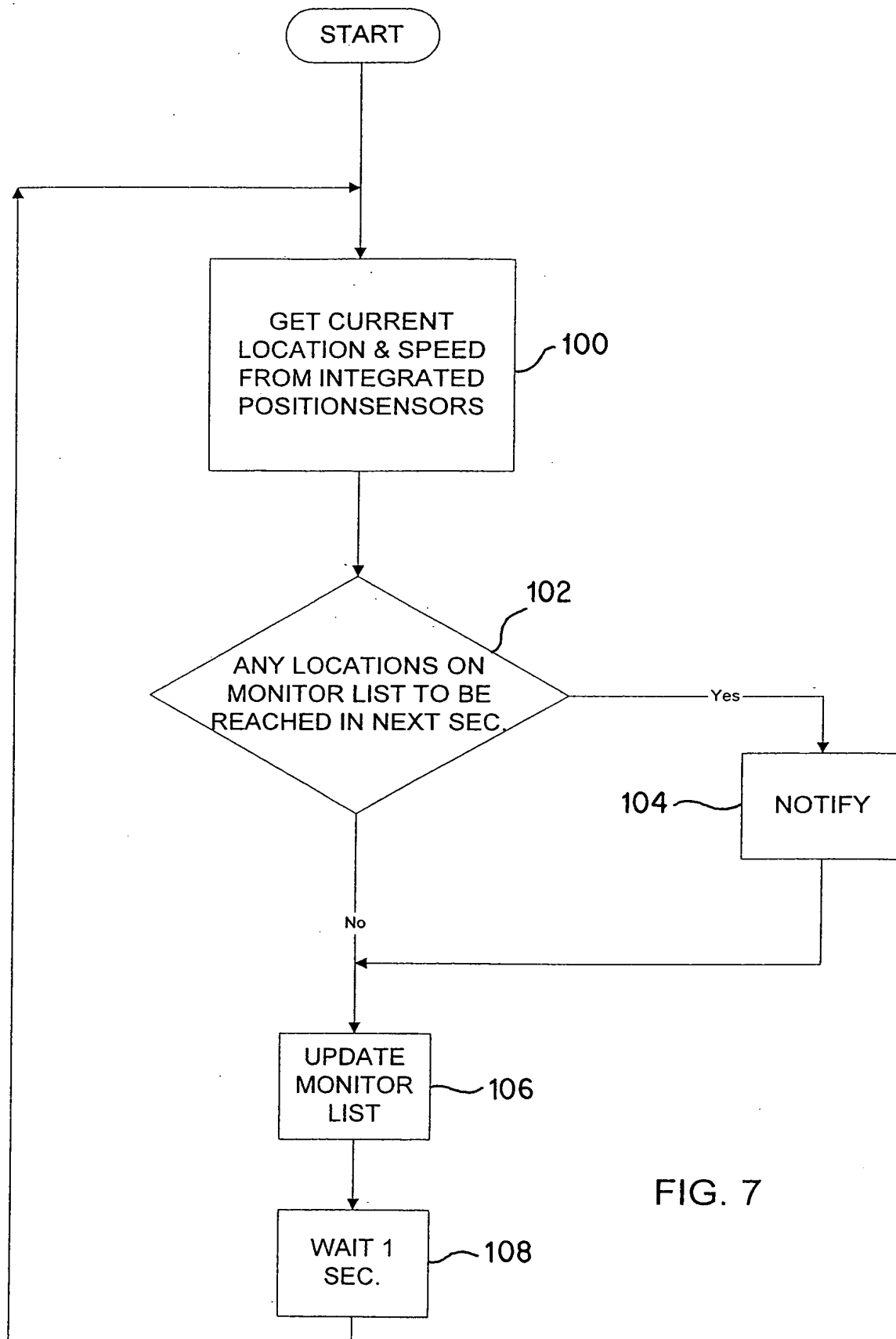


FIG. 7

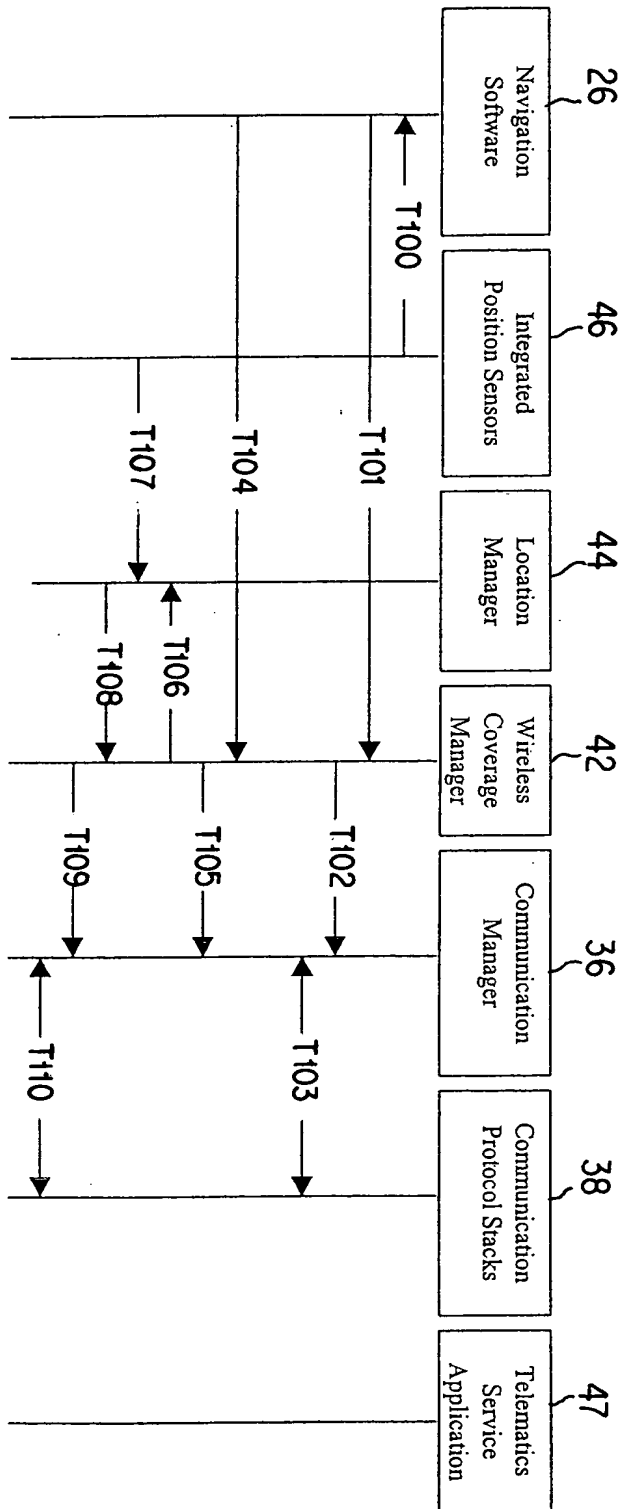
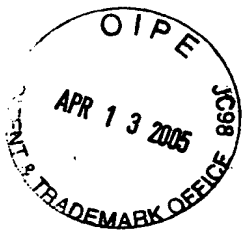


FIG. 8

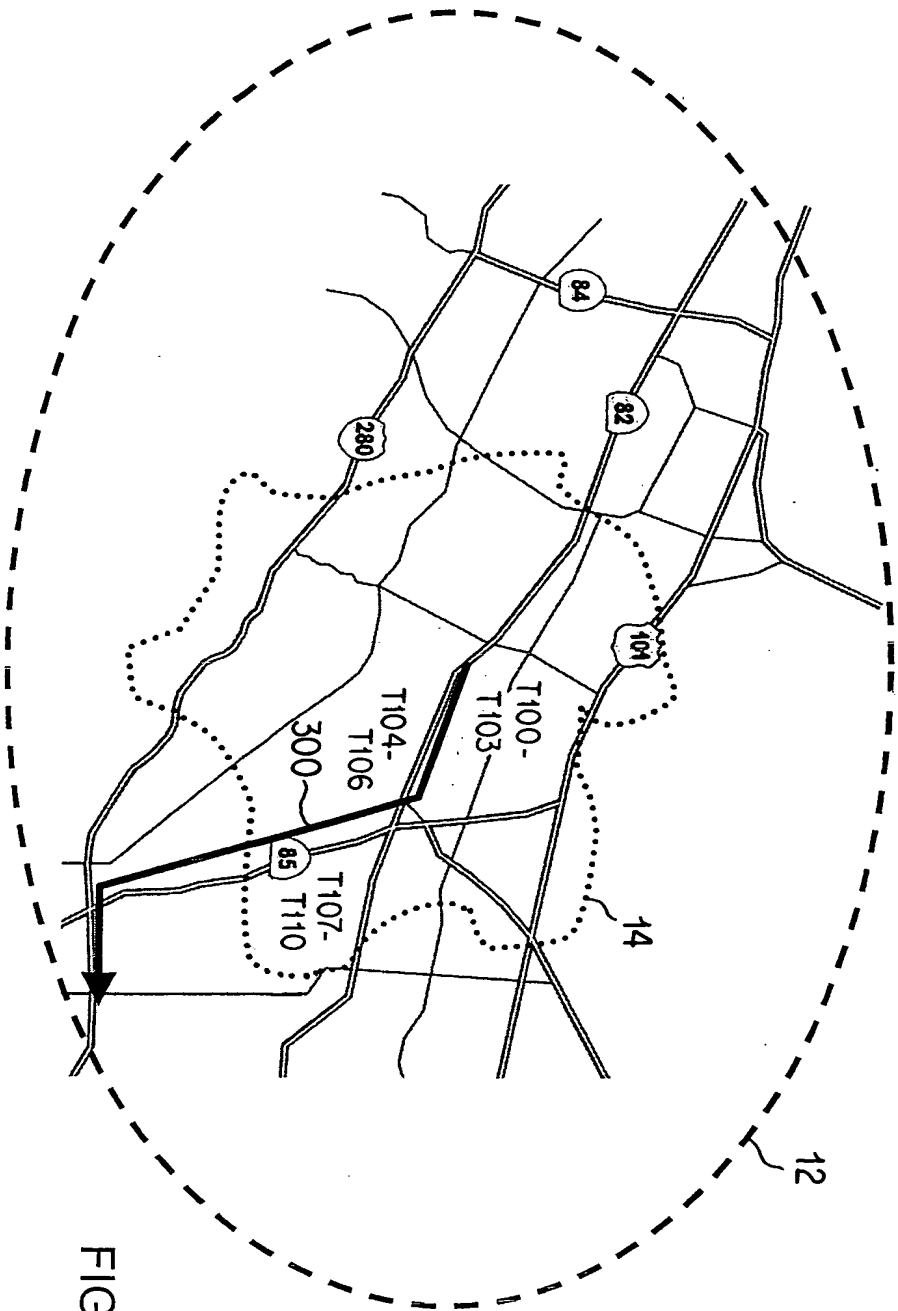


FIG. 9

-MAN Coverage
- - - WAN Coverage
- Route Example

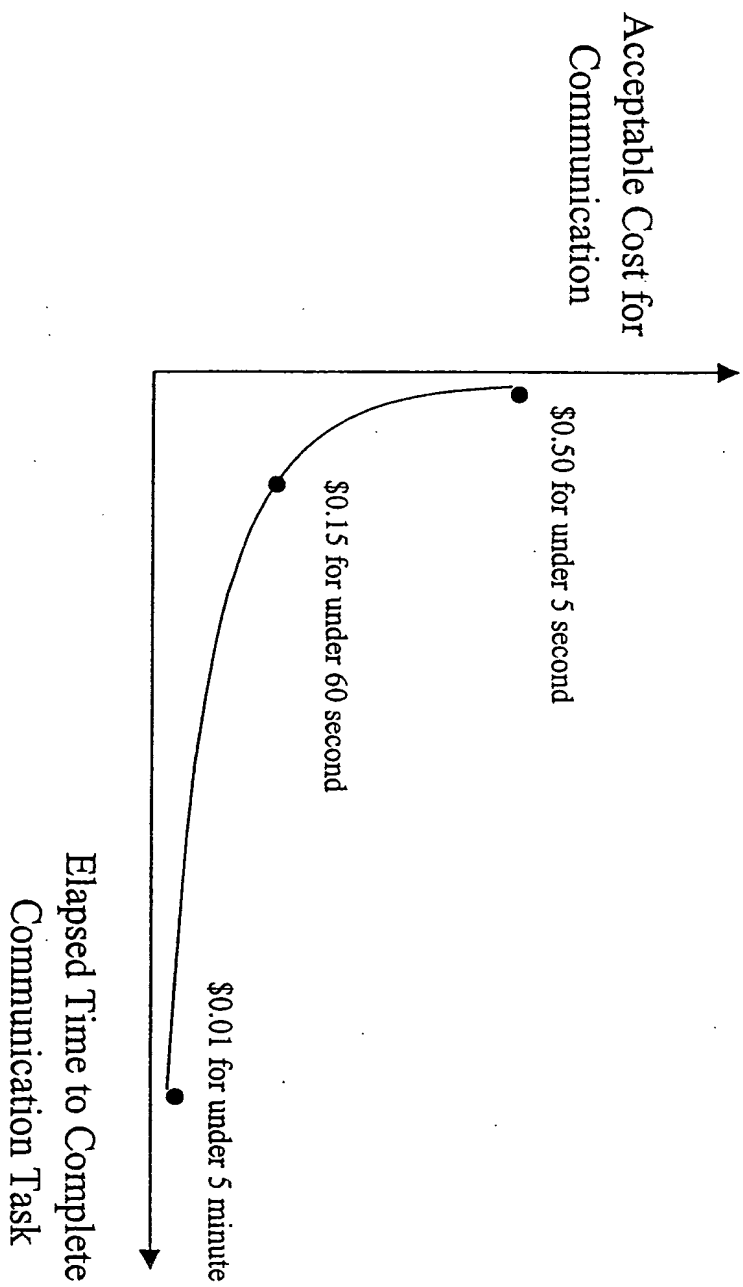


FIG. 10